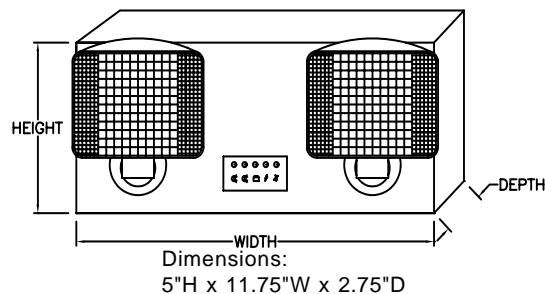
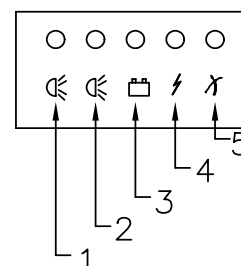


Self-Diagnostic Emergency Light



1. **GREEN LIGHT:** Lamp Circuit #1 functioning properly.
2. **GREEN LIGHT:** Lamp Circuit #2 functioning properly.
3. **GREEN LIGHT:** Battery connected properly and accepting charge or at float voltage.
4. **YELLOW LIGHT:** Only when battery is being charged.
5. **STEADY RED LIGHT:** Malfunction of one of the first three circuits.
or
BLINKING RED LIGHT: Unit failed to operate during the most recent manual or automatic test.

LED Indicator Panel



Burn Time (Hours)	DC Output	Fixture Load AC	Weight w/out Lamps	Lamps	National Stock Number
4	6v, 25W	0.1A	7lb 10 oz	Rectangle 5.4 watts	6210-01-379-3596
1.5	6v, 15W	0.1A	5lb 11oz	Rectangle 6.0 watts	6210-01-379-3608

Self Monitoring System: LED indicator panel which displays the units operating status.

Manual Test: Pushing the test switch initiates a 10 minute illumination of the D.C. emergency lamps. Upon completion of the test each unit clearly displays component status making inspections easier. This procedure also set the units 28 day automatic cycle test cycle.

Automatic Test: The automatic cycle initiates a 10 minute test every 28 days independent of maintenance personnel. Status is then continuously displayed until the next test cycle. Testing time may be automatically reset by pressing the manual test button.

HID Lamp Restrike: Upon recovery from a power loss of less than 90 minutes the units will retain illumination of D.C. emergency lamps for 10 minutes to allow HID (high intensity discharge) lamps to regain operational brightness during hot restrike.

24 Hour Lockout: To prevent false indications of low battery capacity caused by a previous test or power loss, the blinking red failure indicator will be locked out of operation for a full 24 hours to allow complete recharge of the battery.

Low Voltage Disconnect: This function prevents deep discharge of the battery in extended emergency operation when the battery reaches 85% of its standby voltage rating. This assures maximum battery life and capacity.

90 Minutes Test: To make it easier to initiate a complete system test, units are equipped with necessary contacts to allow for a normally open, momentary switch that will initiate a full 90 minute diagnostic test of emergency lamps from a single point. Upon completion, the status display will indicate component analysis.

Automated Lockout: Allows battery units to be fully installed on non-energized electrical circuits prior to building occupancy. Emergency lamps will not energize until electrical circuits are activated.

Temperature Regulated: Compensating circuitry maintains proper battery input by automatically adjusting to variations in operating temperatures at 2.0 millivolts/ C/cell. This maintains battery voltages at levels required to maximize battery life and capacity.

Brownout Protection: In the event that normal AC power drops below the 80% rating, emergency lamps will illuminate. This prevents downtime and achieves lighting continuity even under conditions, which cause HID and fluorescent sources to become unstable or to extinguish.

Multi-Stage Charger: Current limiting electronics quickly restore power to discharged batteries without overheating and possibly damaging them.